DECEMBER 1974
VOL. 45, NO. 4

Child Development

Published by the University of Chicago Press for the
SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT

Editor

WENDELL E. JEFFREY

Associate Editors

CHARLES Y. NAKAMURA and ROSS D. PARKE

Editorial Board

MARY D. AINSWORTH
RUTH L. AULT
CLARA P. BALDWIN
ALBERT BANDURA
ALFRED A. BAUMEISTER
DIANA BAUMRIND
PETER BENTLER
MARION S. BLANK
JEANNE H. BLOCK
ROGER V. BURTON
ROSE F. CARON
COURTNEY B. CAZDEN
WILLIAM R. CHARLESWORTH
STELLA CHESS
JOSEPH CHURCH
LESLIE B. COHEN
PHILIP A. COWAN
CAROL O. ECKERMAN
SYLVIA FARNHAM-DIGGORY
TERRY T. FAW
HANS G. FURTH
DONNA M. GELFAND
ROCHEL S. GELMAN
JEAN BERKO GLEASON
SAM GLUCKSBERG
JOHN W. HAGEN
MARSHALL M. HAITH
E. MAVIS HETHERINGTON
BETTY J. HOUSE
BERNARD Z. KARMEL
CLAIRE B. KOPP
JEAN E. LACROSSE
DAVID MCNEILL
JOHN C. MASTERS
PAULA MENYUK
WALTER MISCHEL
BARBARA E. MOELY
HOWARD A. MOSS
EDITH D. NEIMARK
KATHERINE NELSON
ARTHUR H. PARMELEE, JR.
GERALD R. PATTERSON
ANNE D. PICK
PETER PUFALL
HAYNE W. REESE
TED L. ROSENTHAL
ELI SALTZ
EARL S. SCHAEFFER
ELLIN K. SCHOLNICK
ZANWIL SPERBER
ERVIN STAUB
HAROLD W. STEVENSON
LOUISE S. TIGHE
INA C. UZGIRIS
CAROL WHALEN
PETER H. WOLFF
MARIAN R. YARROW

© 1974 by the Society for Research in Child Development, Inc.
All rights reserved.
PUBLISHED MARCH, JUNE, SEPTEMBER, AND DECEMBER 1974

PUBLISHED BY THE UNIVERSITY OF CHICAGO PRESS
CHICAGO, ILLINOIS, U.S.A.

Index to Volume 45, 1974

ADELSON, EDNA, & FRAIBERG, SELMA. Gross Motor Development in Infants Blind from Birth 114

AITKEN, P. P., & HUTT, CORINNE. Do Children Find Complex Patterns Interesting or Pleasing? 425

ALEKSANDROWICZ, DOV R. (*see* Aleksandrowicz, Malca K.)

ALEKSANDROWICZ, MALCA K., & ALEKSANDROWICZ, DOV R. Obstetrical Pain-relieving Drugs as Predictors of Infant Behavior Variability 935

AMMON, PAUL R. (*see* Ehri, Linnea C.)

APPEL, KENNETH J. (*see* Gratch, Gerald)

BAKER, A. HARVEY; RIERDAN, JILL; & WAPNER, SEYMOUR. Age Changes in Size-Value Phenomena 257

BAKER, ERICA. (*see* Katz, Nancy)

BALTES, PAUL B. (*see* Labouvie, Erich W.)

BARON, JONATHAN. (*see* Lawson, Glen)

BARTSCH, THOMAS W. (*see* Labouvie, Erich W.)

BENDEBBA, MOHAMED. (*see* Garvey, Catherine)

BERCH, DANIEL B. (*see* Maechtlen, Alice D.)

BERMAN, PHYLLIS W.; CUNNINGHAM, JOSEPH G.; & HARKULICH, JOHN. Construction of the Horizontal, Vertical, and Oblique by Young Children: Failure to Find the "Oblique Effect" 474

BERNDT, THOMAS J., & WOOD, DAVID J. The Development of Time Concepts through Conflict Based on a Primitive Duration Capacity 825

BERNDT, THOMAS J. (*see* Collins, W. Andrew)

BERZONSKY, MICHAEL D. Reflectivity, Internality, and Animistic Thinking 785

BIGNER, JERRY J. A Wernerian Developmental Analysis of Children's Descriptions of Siblings 317

BIRCH, HERBERT G. (*see* Lefford, Arthur)

BLACK, F. WILLIAM. Self-Concept as Related to Achievement and Age in Learning-disabled Children 1137

BLANK, MARION. (*see* Rose, Susan A.)

BLEHAR, MARY CURTIS. Anxious Attachment and Defensive Reactions Associated with Day Care 683

BOWER, GORDON H. (*see* Kosslyn, Stephen M.)

BOZINOU, EFTHIMIA, & GOULET, L. R. Acquisition and Transfer of Sorting Mechanisms in Discrimination Learning and Free Recall by Nursery School Children 816

BRAINERD, CHARLES J. Training and Transfer of Transitivity, Conservation, and Class Inclusion of Length 324

BRELAND, HUNTER M. Birth Order, Family Configuration, and Verbal Achievement 1011

BRICKER, DIANE. (*see* Vincent-Smith, Lisbeth)

BRICKER, WILLIAM. (*see* Vincent-Smith, Lisbeth)

BRIM, ORVILLE G., JR. (*see* Glass, David C.)

BRONFENBRENNER, URIE. Developmental Research, Public Policy, and the Ecology of Childhood 1

BRONFENBRENNER, URIE. (*see* Devereux, Edward C.)

BRONSON, GORDON. The Postnatal Growth of Visual Capacity 873

BROOKS, JEANNE, & LEWIS, MICHAEL. Attachment Behavior in Thirteen-Month-Old, Opposite-Sex Twins 243

BROOKS, JEANNE, & LEWIS, MICHAEL. The Effect of Time on Attachment as Measured in a Free-Play Situation 311

BROWN, CHERYL J. The Effects of Preference for Visual Complexity on Habituation of Visual Fixation in Infants 1166

BRYANT, BRENDA K. Locus of Control Related to Teacher-Child Interperceptual Experiences 157

BUKATKO, DANUTA. (*see* Daehler, Marvin W.)

BYRNE, DIANE F. (*see* Selman, Robert L.)

CAREY, RICHARD N. (*see* Minnigerode, Fred A.)

CARLSON, PETER M. (*see* Keller, Martha Freese)

CARPENTER, ROBERT L. (*see* Levinson, Philip J.)

CASE, ROBBIE, & GLOBERSON, TAMAR. Field

Independence and Central Computing Space 772
CATTELL, RAYMOND B., & DREGER, RALPH MASON. Personality Structure as Revealed in Questionnaire Responses at the Preschool Level 49
CHRISTY, MONICA D. (*see* Masters, John C.)
COADY, HENRY. (*see* Morris, Patrick)
COCHAVI, DALIA. (*see* Zelniker, Tamar)
COHEN, SARALE E. Developmental Differences in Infants' Attentional Responses to Face-Voice Incongruity of Mother and Stranger 1155
COLLINS, W. ANDREW; BERNDT, THOMAS J.; & HESS, VALERIE L. Observational Learning of Motives and Consequences for Television Aggression: A Developmental Study 799
COLLIS, KEVIN F. The Development of a Preference for Logical Consistency in School Mathematics 978
CONDON, WILLIAM S., & SANDER, LOUIS W. Synchrony Demonstrated between Movements of the Neonate and Adult Speech 456
CONNORS, GERARD J. (*see* Denney, Nancy Wadsworth)
COPPLE, CAROL E., & SUCI, GEORGE J. The Comparative Ease of Processing Standard English and Black Nonstandard English by Lower-Class Black Children 1048
COX, NELL. Prior Help, Ego Development, and Helping Behavior 594
CUNNINGHAM, JOSEPH G. (*see* Berman, Phyllis W.)

DAEHLER, MARVIN W., & BUKATKO, DANUTA. Discrimination Learning in Two-Year-Olds 378
DEAN, ANNE. (*see* Youniss, James)
DENNEY, DOUGLAS R. Recognition, Formulation, and Integration in the Development of Interrogative Strategies among Normal and Retarded Children 1068
DENNEY, NANCY WADSWORTH, & CONNORS, GERARD J. Altering the Questioning Strategies of Preschool Children 1108
DETTERMAN, DOUGLAS K. Primacy Effects in Short-Term Memory with the Mentally Retarded 1077
DEVEREUX, EDWARD C.; SHOUVAL, RON; BRONFENBRENNER, URIE; RODGERS, ROBERT R.; KAV-VENAKI, SOPHIE; KIELY, ELIZABETH; & KARSON, ESTHER. Socialization Practices of Parents, Teachers, and Peers in Israel: The Kibbutz versus the City 269
DEVRIES, RHETA. Relationships among Piagetian, IQ, and Achievement Assessments 746
DOUTHITT, THOMAS C. (*see* Yang, Raymond K.)
DREGER, RALPH MASON. (*see* Cattell, Raymond B.)
DROTAR, DENNIS. Discrimination Learning in Normal and Retarded Children as a Function of Instructions, Cue Locus, and Cue Relevance 1146

ECKERT, HELEN M. Variability in Skill Acquisition 487
ECKERT, HELEN M., & EICHORN, DOROTHY H. Construct Standards in Skilled Action 439
EGELAND, BYRON. Training Impulsive Children in the Use of More Efficient Scanning Techniques 165
EHRI, LINNEA C., & AMMON, PAUL R. Children's Comprehension of Comparative Sentence Transformations 512
EICHORN, DOROTHY H. (*see* Eckert, Helen M.)
EISELE, C. D. (*see* Ruppenthal, G. C.)
ELEY, MALCOLM G. Socioeconomic Status Differences in Children's Discrimination Learning as Related to the Reward and Information Functions of Response-contingent Stimuli 834
ELIOT, JOHN. (*see* Wolk, Stephen)
ELKIND, DAVID. (*see* Farkas, Mitchell)
ELLIS, M. J.; WITT, PETER A.; REYNOLDS, RONALD; & SPRAGUE, ROBERT L. Methylphenidate and the Activity of Hyperactives in the Informal Setting 217
EMMERICH, WALTER. Developmental Trends in Evaluations of Single Traits 172
ETAUGH, CLAIRE F., & POPE, BARBARA K. Effect of Spatial Separation of Stimuli on Children's Discrimination Learning 1170
EVANS, WILSON F. (*see* Gratch, Gerald)

FAGAN, JOSEPH F., III. Infant Recognition Memory: The Effects of Length of Familiarization and Type of Discrimination Task 351
FANTZ, ROBERT L. (*see* Miranda, Simón B.)
FARIELLO, GRIFFIN R. (*see* Kosslyn, Stephen M.)
FARKAS, MITCHELL, & ELKIND, DAVID. Effects of Distance and Stimulus Position on Perceptual Comparison at Five Age Levels 184
FAULKENDER, PATRICIA J.; WRIGHT, JOHN C.; & WALDRON, APRIL. Generalized Habituation of Concept Stimuli in Toddlers 1002
FEGY, MARTIN J. (*see* Karmel, Bernard Z.)

FENSON, LARRY; SAPPER, VICTOR; & MINNER, DAN G. Attention and Manipulative Play in the One-Year-Old Child 757
FIEDLER, MIRIAM FORSTER. (*see* Willerman, Lee)
FINKELSTEIN, CHERYL. (*see* Saltz, Eli)
FLAVELL, JOHN H. (*see* Masangkay, Zenaida S.)
FRAIBERG, SELMA. (*see* Adelson, Edna)
FRANK, HALLIE S., & RABINOVITCH, M. SAM. Auditory Short-term Memory: Developmental Changes in Precategorical Acoustic Storage 522
FRANK, HALLIE S., & RABINOVITCH, M. SAM. Auditory Short-Term Memory: Developmental Changes in Rehearsal 397
FRANKEL, GUSTI W. (*see* Pick, Anne D.)
FRIEDLANDER, BERNARD Z.; WETSTONE, HARRIET S.; & SCOTT, CHRISTOPHER S. Suburban Preschool Children's Comprehension of an Age-appropriate Informational Television Program 561
FURTH, HANS G.; ROSS, BRUCE M.; & YOUNISS, JAMES. Operative Understanding in Reproductions of Drawings 63

GADBERRY, SHARON. Television as Baby-Sitter: A Field Comparison of Preschoolers' Behavior during Playtime and during Television Viewing 1132
GAGNÉ, ELLEN. (*see* Yussen, Steven R.)
GARDNER, HOWARD. Metaphors and Modalities: How Children Project Polar Adjectives onto Diverse Domains 84
GARGIULO, RICHARD. (*see* Yussen, Steven R.)
GARVEY, CATHERINE, & BENDEBBA, MOHAMED. Effects of Age, Sex, and Partner on Children's Dyadic Speech 1159
GELFAND, DONNA M.; HARTMANN, DONALD P.; LAMB, ANNE K.; SMITH, CATHLEEN L.; MAHAN, MARY ANN; & PAUL, STEPHEN C. The Effects of Adult Models and Described Alternatives on Children's Choice of Behavior Management Techniques 585
GLASS, DAVID C.; NEULINGER, JOHN; & BRIM, ORVILLE G., JR. Birth Order, Verbal Intelligence, and Educational Aspiration 807
GLICK, JON H. (*see* Korner, Anneliese F.)
GLOBERSON, TAMAR. (*see* Case, Robbie)
GOLDSCHMID, MARCEL L. (*see* Sutherland, Ann)
GOULET, L. R. (*see* Bozinou, Efthimia)
GRATCH, GERALD; APPEL, KENNETH J.; EVANS, WILSON F.; LECOMPTE, GÜNEY K.; & WRIGHT, NANCY A. Piaget's Stage IV Object Concept Error: Evidence of Forgetting or Object Conception? 71
GREEN, FRANCIS P., & SCHNEIDER, FRANK W. Age Differences in the Behavior of Boys on Three Measures of Altruism 248
GREEN, GEORGE. (*see* Lefford, Arthur)
GREENE, DAVID, & LEPPER, MARK R. Effects of Extrinsic Rewards on Children's Subsequent Intrinsic Interest 1141
GROCH, ALICE S. Joking and Appreciation of Humor in Nursery School Children 1098

HAGEN, JOHN W. (*see* Landau, Barbara L.)
HALE, GORDON A., & LIPPS, LEANN E. T. Stimulus Matching and Component Selection: Alternative Approaches to Measuring Children's Attention to Stimulus Components 383
HALPERIN, MARCIA S. Developmental Changes in the Recall and Recognition of Categorized Word Lists 144
HAMILTON, VERNON, & MOSS, MARGARET. A Method of Scaling Conservation-of-Quantity Problems by Information Content 737
HARKULICH, JOHN. (*see* Berman, Phyllis W.)
HARLOW, H. F. (*see* Ruppenthal, G. C.)
HARLOW, M. K. (*see* Ruppenthal, G. C.)
HARRIS, CLEO. (*see* Wiegerink, Ronald)
HARTER, SUSAN. Pleasure Derived by Children from Cognitive Challenge and Mastery 661
HARTMANN, DONALD P. (*see* Gelfand, Donna M.)
HENSLEY, J. HIGGINS; LEWENSTEIN, JACQUELINE; & RABINOWITZ, F. MICHAEL. Effects of Children's Spontaneous Verbal Rehearsal on Learning Performance under Delay of Feedback 479
HESS, VALERIE L., & PICK, ANNE D. Discrimination of Schematic Faces by Nursery School Children 1151
HESS, VALERIE L. (*see* Collins, W. Andrew)
HOFFMANN, ROBERT F. (*see* Karmel, Bernard Z.)
HUTT, CORINNE. (*see* Aitken, P. P.)
HUTT, CORINNE. (*see* May, Richard B.)
HYNDS, LILA TABOR. (*see* Kendler, Tracy Seedman)

JACKSON, JOSEPH P. The Relationship between the Development of Gestural Imagery and the Development of Graphic Imagery 432
JACKSON, PATRICIA. (*see* Lange, Garrett)
JAHODA, GUSTAV, & MCGURK, HARRY. Develop-

ment of Pictorial Depth Perception: Cross-cultural Replications 1042
JEFFREY, WENDELL E. (*see* Moely, Barbara E.)
JOHNSON, DALE L. The Influence of Social Class and Race on Language Test Performance and Spontaneous Speech of Preschool Children 517

KAGAN, JEROME. (*see* Rogoff, Barbara)
KAGAN, SPENCER. Field Dependence and Conformity of Rural Mexican and Urban Anglo-American Children 765
KALIL, KATHLEEN; YOUSSEF, ZAKHOUR; & LERNER, RICHARD M. Class-Inclusion Failure: Cognitive Deficit or Misleading Reference? 1122
KARMEL, BERNARD Z. Contour Effects and Pattern Preferences in Infants: A Reply to Greenberg and O'Donnell (1972) 196
KARMEL, BERNARD Z.; HOFFMANN, ROBERT F.; & FEGY, MARTIN J. Processing of Contour Information by Human Infants Evidenced by Pattern-dependent Evoked Potentials 39
KARSON, ESTHER. (*see* Devereux, Edward C.)
KATZ, NANCY; BAKER, ERICA; & MACNAMARA, JOHN. What's in a Name? A Study of How Children Learn Common and Proper Names 469
KAV-VENAKI, SOPHIE. (*see* Devereux, Edward C.)
KEASEY, CHARLES BLAKE. (*see* Tomlinson-Keasey, C.)
KELLER, MARTHA FREESE, & CARLSON, PETER M. The Use of Symbolic Modeling to Promote Social Skills in Preschool Children with Low Levels of Social Responsiveness 912
KELLOGG, JEFFREY. (*see* Larsen, Gary Y.)
KENDLER, TRACY SEEDMAN, & HYNDS, LILA TABOR. A Reply to Brier and Jacobs's Criticism of the Optional-Shift Methodology 208
KIELY, ELIZABETH. (*see* Devereux, Edward C.)
KIRCHNER, GRACE L., & KNOPF, IRWIN J. Differences in the Vigilance Performance of Second-Grade Children as Related to Sex and Achievement 490
KIRK, BARBARA. (*see* Sidman, Murray)
KLECK, ROBERT E.; RICHARDSON, STEPHEN A.; & RONALD, LINDA. Physical Appearance Cues and Interpersonal Attraction in Children 305
KNIFONG, J. D. Logical Abilities of Young Children—Two Styles of Approach 78
KNOPF, IRWIN J. (*see* Kirchner, Grace L.)
KOBASIGAWA, AKIRA. Utilization of Retrieval Cues by Children in Recall 127
KORNER, ANNELIESE F.; KRAEMER, HELENA C.; HAFFNER, M. ELLEN; & THOMAN, EVELYN B. Characteristics of Crying and Noncrying Activity of Full-Term Neonates 953
KORNER, ANNELIESE F.; THOMAN, EVELYN B.; & GLICK, JON H. A System for Monitoring Crying and Noncrying, Large, Medium, and Small Neonatal Movements 946
KOSSLYN, STEPHEN M., & BOWER, GORDON H. The Role of Imagery in Sentence Memory: A Developmental Study 30
KOSSLYN, STEPHEN M.; PICK, HERBERT L., JR.; & FARIELLO, GRIFFIN R. Cognitive Maps in Children and Men 707
KUNEN, SETH. (*see* Yussen, Steven R.)

LABOUVIE, ERICH W.; BARTSCH, THOMAS W.; NESSELROADE, JOHN R.; & BALTES, PAUL B. On the Internal and External Validity of Simple Longitudinal Designs 282
LABOUVIE, ERICH W., & SCHAIE, K. WARNER. Personality Structure as a Function of Behavioral Stability in Children 252
LAMB, ANNE K. (*see* Gelfand, Donna M.)
LANDAU, BARBARA L., & HAGEN, JOHN W. The Effect of Verbal Cues on Concept Acquisition and Retention in Normal and Educable Mentally Retarded Children 643
LANGE, GARRETT, & JACKSON, PATRICIA. Personal Organization in Children's Free Recall 1060
LARSEN, GARY Y., & KELLOGG, JEFFREY. A Developmental Study of the Relation between Conservation and Sharing Behavior 849
LASKY, ROBERT E. The Ability of Six-Year-Olds, Eight-Year-Olds, and Adults to Abstract Visual Patterns 626
LAWSON, GLEN; BARON, JONATHAN; & SIEGEL, LINDA. The Role of Number and Length Cues in Children's Quantitative Judgments 731
LECOMPTE, GÜNEY K. (*see* Gratch, Gerald)
LEFFORD, ARTHUR; BIRCH, HERBERT G.; & GREEN, GEORGE. The Perceptual and Cognitive Bases for Finger Localization and Selective Finger Movement in Preschool Children 335
LEFLEY, HARRIET P. Social and Familial Correlates of Self-Esteem among American Indian Children 829
LEIZER, JOSEPH I., & ROGERS, RONALD W. Effects of Method of Discipline, Timing of Punishment, and Timing of Test on Resistance to Temptation 790

LEMOND, CAROLYN M. (*see* Odom, Richard D.)
LEPPER, MARK R. (*see* Greene, David)
LERNER, RICHARD M. (*see* Kalil, Kathleen)
LEVIN, JOEL R. (*see* Wolff, Peter)
LEVINSON, PHILIP J., & CARPENTER, ROBERT L. An Analysis of Analogical Reasoning in Children 857
LEWENSTEIN, JACQUELINE. (*see* Hensley, J. Higgins)
LEWIS, MICHAEL. (*see* Brooks, Jeanne)
LIBEN, LYNN S. Operative Understanding of Horizontality and Its Relation to Long-Term Memory 416
LIPPS, LEANN E. T. (*see* Hale, Gordon A.)
LONGOBARDI, ELLEN T. (*see* Wolff, Peter)
LORD, CATHERINE. The Perception of Eye Contact in Children and Adults 1113

MCARA, MARILYNN J. (*see* Rule, Brendan Gail)
MCCLUSKEY, KATHLEEN A. (*see* Masangkay, Zenaida S.)
MCELWEE, JOHN D. (*see* Mash, Eric J.)
MCGHEE, PAUL E. Development of Children's Ability to Create the Joking Relationship 552
MACGINITIE, WALTER H. (*see* Omari, Issa M.)
MCGURK, HARRY. (*see* Jahoda, Gustav)
MCINTYRE, CURTIS W. (*see* Masangkay, Zenaida S.)
MACNAMARA, JOHN. (*see* Katz, Nancy)
MAECHTLEN, ALICE D., & BERCH, DANIEL B. Effects of Stimulus Dimensionality on Short-Term Memory in Low-intelligent Children 200
MAHAN, MARY ANN. (*see* Gelfand, Donna M.)
MAHONEY, GERALD J. (*see* Paris, Scott G.)
MANDLER, JEAN M. (*see* Stein, Nancy L.)
MARATSOS, MICHAEL P. How Preschool Children Understand Missing Complement Subjects 700
MARATSOS, MICHAEL P. Preschool Children's Use of Definite and Indefinite Articles 446
MASANGKAY, ZENAIDA S.; MCCLUSKEY, KATHLEEN A.; MCINTYRE, CURTIS W.; SIMS-KNIGHT, JUDITH; VAUGHN, BRIAN E.; & FLAVELL, JOHN H. The Early Development of Inferences about the Visual Percepts of Others 357
MASH, ERIC J., & MCELWEE, JOHN D. Situational Effects on Observer Accuracy: Behavioral Predictability, Prior Experience, and Complexity of Coding Categories 367
MASTERS, JOHN C., & CHRISTY, MONICA D. Achievement Standards for Contingent Self-Reinforcement: Effects of Task Length and Task Difficulty 6
MAY, RICHARD B., & HUTT, CORINNE. Modality and Sex Differences in Recall and Recognition Memory 228
MILLER, ROBERT S., & MORRIS, WILLIAM N. The Effects of Being Imitated on Children's Responses in a Marble-dropping Task 1103

MINNER, DAN G. (*see* Fenson, Larry)
MINNIGERODE, FRED A., & CAREY, RICHARD N. Development of Mechanisms Underlying Spatial Perspectives 496
MIRANDA, SIMÓN B., & FANTZ, ROBERT L. Recognition Memory in Down's Syndrome and Normal Infants 651
MISCHEL, WALTER, & UNDERWOOD, BILL. Instrumental Ideation in Delay of Gratification 1083
MOELY, BARBARA E., & JEFFREY, WENDELL E. The Effect of Organization Training on Children's Free Recall of Category Items 135
MOIR, D. JOHN. Egocentrism and the Emergence of Conventional Morality in Preadolescent Girls 299
MONTEMAYOR, RAYMOND. Children's Performance in a Game and Their Attraction to It as a Function of Sex-typed Labels 152
MORRIS, PATRICK, & COADY, HENRY. The Effect of Need for Approval and Incentives upon Children's Probability Learning Responses 862
MORRIS, WILLIAM N. (see Miller, Robert S.)
MOSS, MARGARET. (*see* Hamilton, Vernon)
MUNSINGER, HARRY; STOLARZ, STEPHANIE; & WEISMAN, SALLY. Value and Chroma Discriminations of Young Children and Adults 812
MWANALUSHI, MUYUNDA. Imaginal Factors in the Coding of Random Patterns by Children 204

NEIMARK, EDITH D. Natural Language Concepts: Additional Evidence 508
NELSON, KATHERINE. Variations in Children's Concepts by Age and Category 577
NELSON, KEITH E. (*see* Strohner, Hans)
NESDALE, ANDREW R. (*see* Rule, Brendan Gail)
NESSELROADE, JOHN R. (*see* Labouvie, Erich W.)
NEULINGER, JOHN. (*see* Glass, David C.)
NEWCOMBE, NORA. (*see* Rogoff, Barbara)
NISAN, MORDECAI. Imposed Inhibition and Delay of Gratification 1089

ODOM, RICHARD D., & LEMOND, CAROLYN M. Children's Use of Component Patterns of Faces in Multidimensional Recall Problems 527
O'KEEFFE, LYNDA. (*see* Webb, Roger A.)
OLIVERI, MARY ELLEN. (*see* Webb, Roger A.)
OMARI, ISSA M., & MACGINITIE, WALTER H. Some Pictorial Artifacts in Studies of African Children's Pictorial Depth Perception 535

PARIS, SCOTT G., & MAHONEY, GERALD J. Cognitive Integration in Children's Memory for Sentences and Pictures 633
PARKIN, J. MICHAEL. (*see* Warren, Neil)
PARMELEE, ARTHUR H. (*see* Sigman, Marian)
PATTERSON, G. R. A Basis for Identifying Stimuli Which Control Behaviors in Natural Settings 900
PAUL, STEPHEN C. (*see* Gelfand, Donna M.)
PEARSON, MARY ELLEN. (*see* Wiegerink, Ronald)
PERRY, DAVID G., & PERRY, LOUISE C. Denial of Suffering in the Victim as a Stimulus to Violence in Aggressive Boys 55
PERRY, LOUISE C. (*see* Perry, David G.)
PICK, ANNE D., & FRANKEL, GUSTI W. A Developmental Study of Strategies of Visual Selectivity 1162
PICK, ANNE D. (*see* Hess, Valerie L.)
PICK, HERBERT L., JR. (*see* Kosslyn, Stephen M.)
PIPER, VERA (*see* Ramey, Craig T.)
POPE, BARBARA K. (*see* Etaugh, Claire F.)
POWELL, LOUISA FELDMAN. The Effect of Extra Stimulation and Maternal Involvement on the Development of Low-Birth-Weight Infants and on Maternal Behavior 106

QUAY, LORENE C. Language Dialect, Age, and Intelligence-Test Performance in Disadvantaged Black Children 463

RABINOVITCH, M. SAM. (*see* Frank, Hallie S.)
RABINOWITZ, F. MICHAEL. (*see* Hensley, J. Higgins)
RADIN, NORMA. Observed Maternal Behavior with Four-Year-Old Boys and Girls in Lower-Class Families 1126
RAMEY, CRAIG T., & PIPER, VERA. Creativity in Open and Traditional Classrooms 557
REDD, WILLIAM H., & WINSTON, ANDREW S. The Role of Antecedent Positive and Negative Comments in the Control of Children's Behavior 540
REES, JUDITH. (*see* Tizard, Barbara)
REES, ROD. (*see* Smither, Suzanne J.)
REESE, HAYNE W. Cohort, Age, and Imagery in Children's Paired-Associate Learning 1176
REYNOLDS, RONALD. (*see* Ellis, M. J.)
RICHARDSON, STEPHEN A. (*see* Kleck, Robert E.)
RIERDAN, JILL. (*see* Baker, A. Harvey)
RODGERS, ROBERT R. (*see* Devereux, Edward C.)
ROGERS, RONALD W. (*see* Leizer, Joseph I.)
ROGOFF, BARBARA; NEWCOMBE, NORA; & KAGAN, JEROME. Planfulness and Recognition Memory 972
RONALD, LINDA. (*see* Kleck, Robert E.)
ROSE, SUSAN A., & BLANK, MARION. The Potency of Context in Children's Cognition: An Illustration through Conservation 499
ROSEN, CATHERINE ELKIN. The Effects of Sociodramatic Play on Problem-solving Behavior among Culturally Disadvantaged Preschool Children 920
ROSS, BRUCE M. (*see* Furth, Hans G.)
RUBENSTEIN, JUDITH. A Concordance of Visual and Manipulative Responsiveness to Novel and Familiar Stimuli in Six-Month-Old Infants 194
RULE, BRENDAN GAIL; NESDALE, ANDREW R.; & MCARA, MARILYNN J. Children's Reactions to Information about the Intentions Underlying an Aggressive Act 794
RUPPENTHAL, G. C.; HARLOW, M. K.; EISELE, C. D.; HARLOW, H. F.; & SUOMI, S. J. Development of Peer Interactions of Monkeys Reared in a Nuclear-Family Environment 670

SALTZ, ELI, & FINKELSTEIN, CHERYL. Does Imagery Retard Conceptual Behavior? 1093
SANDER, LOUIS W. (*see* Condon, William S.)
SANTROCK, JOHN W. (*see* Yussen, Steven R.)
SAPPER, VICTOR. (*see* Fenson, Larry)
SCHAIE, K. WARNER. (*see* Labouvie, Erich W.)
SCHNEIDER, FRANK W. (*see* Green, Francis P.)
SCOTT, CHRISTOPHER S. (*see* Friedlander, Bernard Z.)
SELMAN, ROBERT L., & BYRNE, DIANE F. A Structural-Developmental Analysis of Levels of Role Taking in Middle Childhood 803
SHEPPARD, JOHN L. Compensation and Combinatorial Systems in the Acquisition and Generalization of Conservation 717
SHOUVAL, RON. (*see* Devereux, Edward C.)
SHULTZ, THOMAS R. Development of the Appreciation of Riddles 100
SIDMAN, MURRAY, & KIRK, BARBARA. Letter

Reversals in Naming, Writing, and Matching to Sample 616
SIEGEL, LINDA. (*see* Lawson, Glen)
SIEGEL, LINDA S. Heterogeneity and Spatial Factors as Determinants of Numeration Ability 532
SIGMAN, MARIAN, & PARMELEE, ARTHUR H. Visual Preferences of Four-Month-Old Premature and Full-Term Infants 959
SIMEONSSON, RUNE. (*see* Wiegerink, Ronald)
SIMS-KNIGHT, JUDITH. (*see* Masangkay, Zenaida S.)
SMILEY, SANDRA S. (*see* Smither, Suzanne J.)
SMITH, CATHLEEN L. (*see* Gelfand, Donna M.)
SMITHER, SUZANNE J.; SMILEY, SANDRA S.; & REES, ROD. The Use of Perceptual Cues for Number Judgment by Young Children 693
SPRAGUE, ROBERT L. (*see* Ellis, M. J.)
STEIN, NANCY L., & MANDLER, JEAN M. Children's Recognition of Reversals of Geometric Figures 604
STEINBERG, BRENDA M. Information Processing in the Third Year: Coding, Memory, Transfer 503
STEINER, GERHARD. On the Psychological Reality of Cognitive Structures: A Tentative Synthesis of Piaget's and Bruner's Theories 891
STOLARZ, STEPHANIE. (*see* Munsinger, Harry)
STROHNER, HANS, & NELSON, KEITH E. The Young Child's Development of Sentence Comprehension: Influence of Event Probability, Nonverbal Context, Syntactic Form, and Strategies 567
SUCI, GEORGE J. (*see* Copple, Carol E.)
SUOMI, S. J. (*see* Ruppenthal, G. C.)
SUTHERLAND, ANN, & GOLDSCHMID, MARCEL L. Negative Teacher Expectation and IQ Change in Children with Superior Intellectual Potential 852

TATARSKY, JULIAN H. The Influence of Dimensional Manipulations on Class-Inclusion Performance 1173
THOMAN, EVELYN B. (*see* Korner, Anneliese F.)
TIZARD, BARBARA, & REES, JUDITH. A Comparison of the Effects of Adoption, Restoration to the Natural Mother, and Continued Institutionalization on the Cognitive Development of Four-Year-Old Children 92
TOMLINSON-KEASEY, C., & KEASEY, CHARLES BLAKE. The Mediating Role of Cognitive Development in Moral Judgment 291
TOUSSAINT, N. A. An Analysis of Synchrony between Concrete-operational Tasks in Terms of Structural and Performance Demands 992
TURIEL, ELLIOT. Conflict and Transition in Adolescent Moral Development 14

UNDERWOOD, BILL. (*see* Mischel, Walter)

VAUGHN, BRIAN E. (*see* Masangkay, Zenaida S.)
VINCENT-SMITH, LISBETH; BRICKER, DIANE; & BRICKER, WILLIAM. Acquisition of Receptive Vocabulary in the Toddler-Age Child 189

WAGNER, DANIEL A. The Development of Short-Term and Incidental Memory: A Cross-cultural Study 389
WALDRON, APRIL. (*see* Faulkender, Patricia J.)
WAPNER, SEYMOUR. (*see* Baker, A. Harvey)
WARREN, NEIL, & PARKIN, J. MICHAEL. A Neurological and Behavioral Comparison of African and European Newborns in Uganda 966
WEBB, ROGER A.; OLIVERI, MARY ELLEN; & O'KEEFFE, LYNDA. Investigations of the Meaning of "Different" in the Language of Young Children 984
WEISMAN, SALLY. (*see* Munsinger, Harry)
WELCH, MARTHA J. Infants' Visual Attention to Varying Degrees of Novelty 344
WEST, HELEN. Early Peer-Group Interaction and Role-taking Skills: An Investigation of Israeli Children 1118
WETSTONE, HARRIET S. (*see* Friedlander, Bernard Z.)
WIEGERINK, RONALD; HARRIS, CLEO; SIMEONSSON, RUNE; & PEARSON, MARY ELLEN. Social Stimulation of Vocalizations in Delayed Infants: Familiar and Novel Agent 866
WILLERMAN, LEE, & FIEDLER, MIRIAM FORSTER. Infant Performance and Intellectual Precocity 483
WILLOWS, DALE M. Reading between the Lines: Selective Attention in Good and Poor Readers 408
WINER, GERALD A. An Analysis of Verbal Facilitation of Class-Inclusion Reasoning 224
WINER, GERALD A. Conservation of Different Quantities among Preschool Children 839
WINKELMANN, WOLFGANG. Factorial Analysis of Children's Conservation Task Performance 843
WINSTON, ANDREW S. (*see* Redd, William H.)
WITT, PETER A. (*see* Ellis, M. J.)

WOLFF, PETER; LEVIN, JOEL R.; & LONGOBARDI, ELLEN T. Activity and Children's Learning 221

WOLK, STEPHEN, & ELIOT, JOHN. Information-generated Influence as a Function of Locus-of-Control Patterns in Children 928

WOOD, DAVID J. (*see* Berndt, Thomas J.)

WORDEN, PATRICIA E. The Development of the Category-Recall Function under Three Retrieval Conditions 1054

WRIGHT, JOHN C. (*see* Faulkender, Patricia J.)

WRIGHT, NANCY A. (*see* Gratch, Gerald)

YANG, RAYMOND K., & DOUTHITT, THOMAS C. Newborn Responses to Threshold Tactile Stimulation 237

YERED, JOSHUA. (*see* Zelniker, Tamar)

YOUNISS, JAMES. Operational Development in Deaf Costa Rican Subjects 212

YOUNISS, JAMES. (*see* Furth, Hans G.)

YOUNISS, JAMES, & DEAN, ANNE. Judgment and Imaging Aspects of Operations: A Piagetian Study with Korean and Costa Rican Children 1020

YOUSSEF, ZAKHOUR. (*see* Kalil, Kathleen)

YUSSEN, STEVEN R.; GAGNÉ, ELLEN; GARGIULO, RICHARD; & KUNEN, SETH. The Distinction between Perceiving and Memorizing in Elementary School Children 547

YUSSEN, STEVEN R., & SANTROCK, JOHN W. Comparison of the Retention of Preschool and Second-Grade Performers and Observers under Three Verbalization Conditions 821

ZELNIKER, TAMAR; COCHAVI, DALIA; & YERED, JOSHUA. The Relationship between Speed of Performance and Conceptual Style: The Effect of Imposed Modification of Response Latency 779

ZIMMERMAN, BARRY J. Modification of Young Children's Grouping Strategies: The Effects of Modeling, Verbalization, Incentives, and Age 1032

ZIVIN, GAIL. How to Make a Boring Thing More Boring 232